

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
 Data File : BF090575.D
 Acq On : 14 Oct 2016 17:56
 Operator : UM/SJ
 Sample : H5244-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-11

Quant Time: Oct 14 23:05:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 12:44:45 2016
 Response via : Initial Calibration

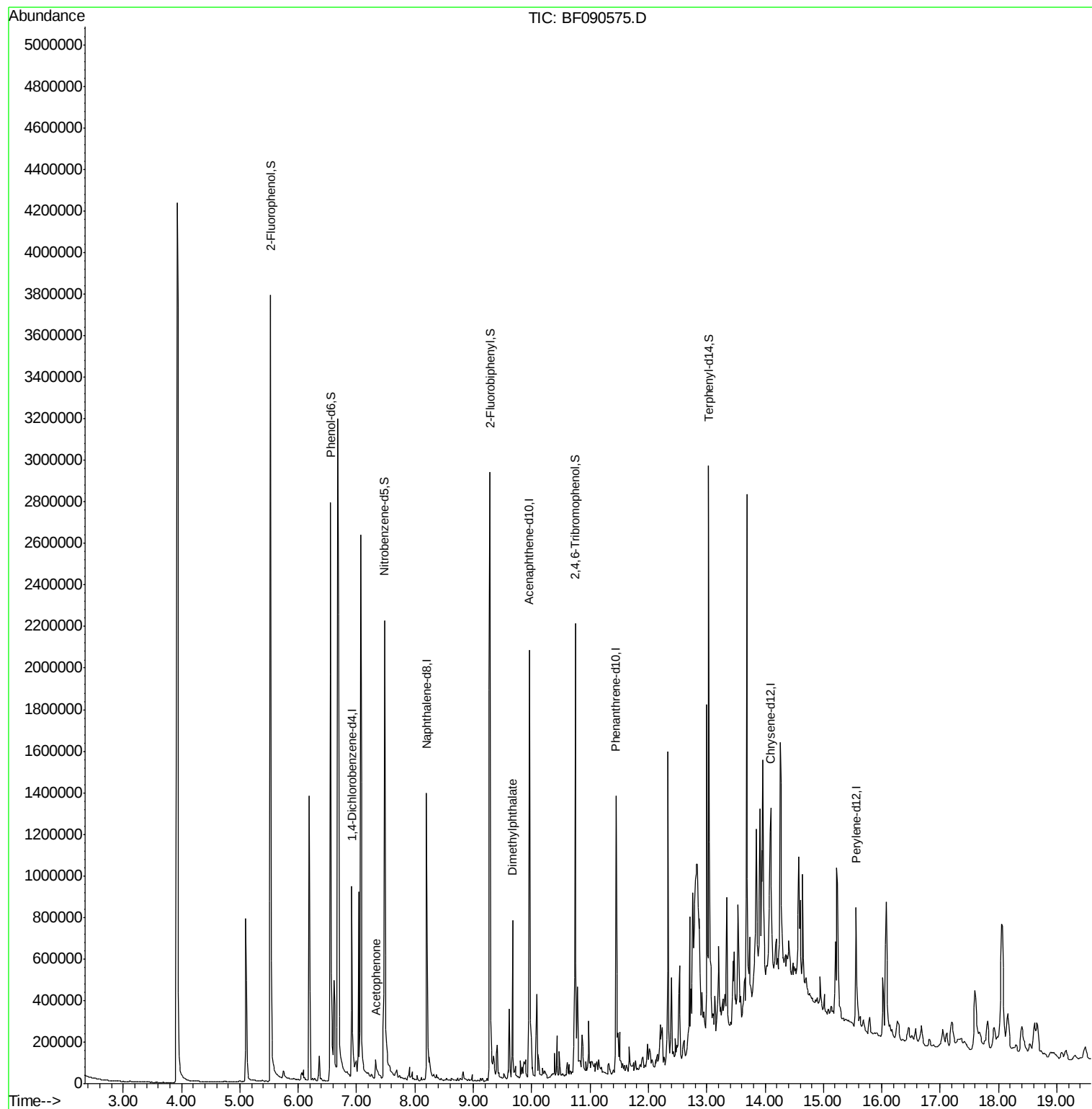
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	193040	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	816314	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	413928	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	603083	20.00	ng	-0.01
75) Chrysene-d12	14.10	240	381837	20.00	ng	0.00
86) Perylene-d12	15.56	264	337281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1100618	104.52	ng	0.00
7) Phenol-d6	6.55	99	1551792	99.18	ng	0.00
23) Nitrobenzene-d5	7.48	82	994918	67.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	272980	73.97	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	1304054	51.91	ng	0.00
78) Terphenyl-d14	13.04	244	868036	52.93	ng	-0.01
Target Compounds						
22) Acetophenone	7.33	105	77834	4.32	ng	Qvalue # 85
49) Dimethylphthalate	9.67	163	300850	11.20	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF090575.D

Acq: 14 Oct 2016 17:56

Instrument :

BNA_F

ClientSampleId :

TS-WSG-16121-11

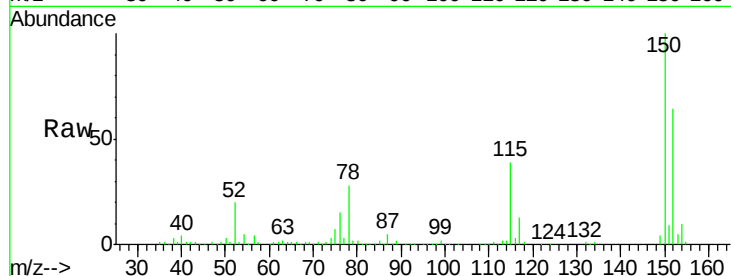
Tot Ion:152 Resp: 193040

Ion Ratio Lower Upper

152 100

150 155.8 127.2 190.8

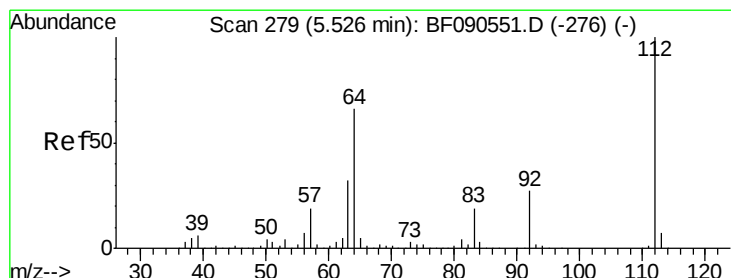
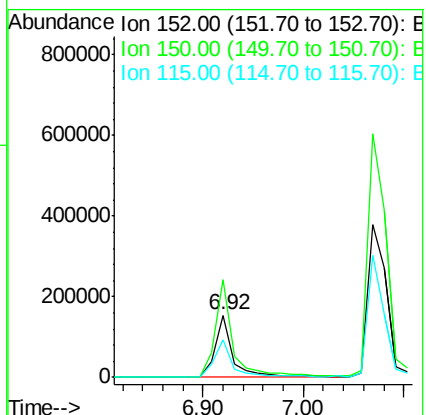
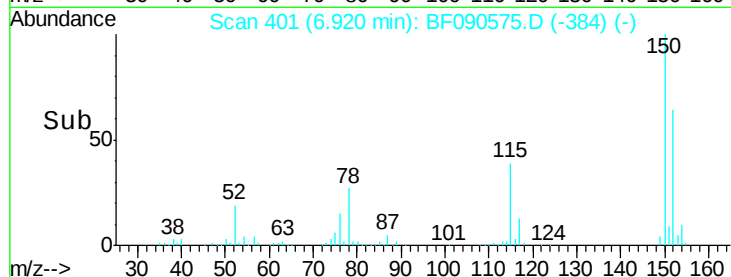
115 60.8 58.6 88.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 104.52 ng

RT: 5.53 min Scan# 279

Delta R.T. 0.00 min

Lab File: BF090575.D

Acq: 14 Oct 2016 17:56

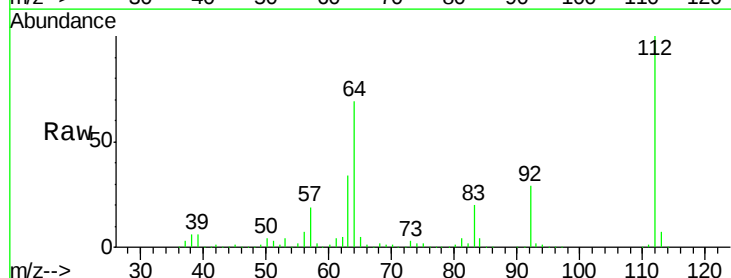
Tgt Ion:112 Resp: 1100618

Ion Ratio Lower Upper

112 100

64 69.2 52.6 78.8

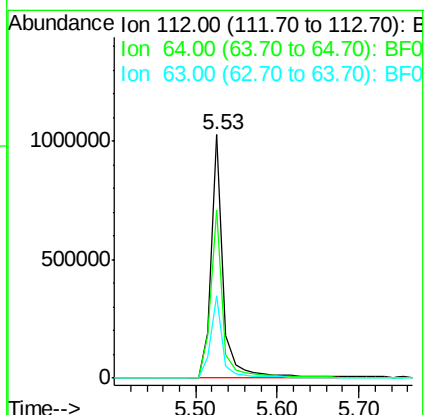
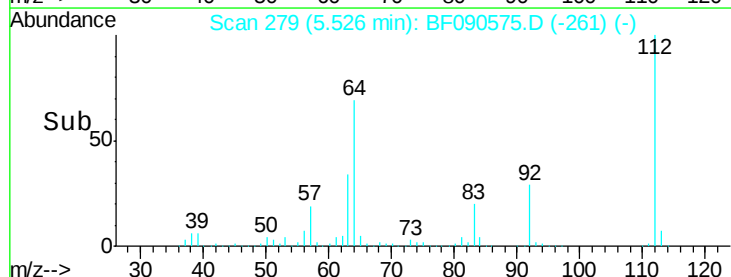
63 33.8 26.0 39.0

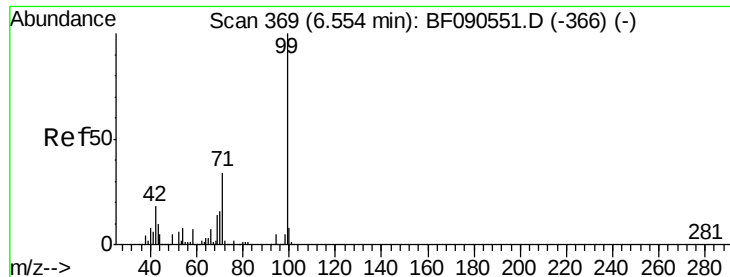


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.18 ng

RT: 6.55 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF090575.D

Acq: 14 Oct 2016 17:56

Instrument :

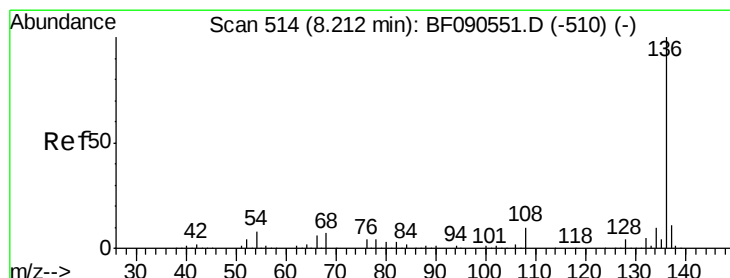
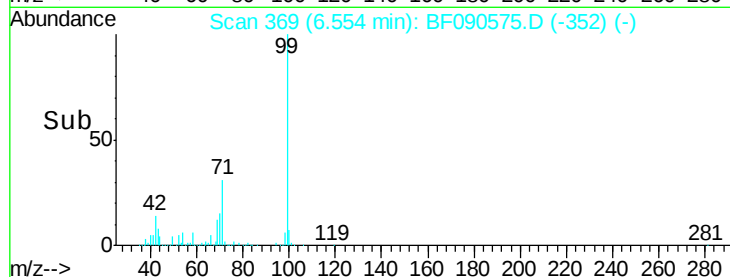
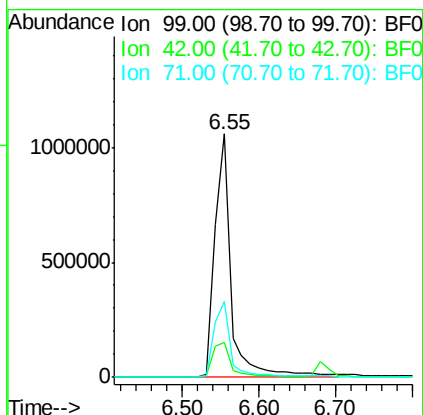
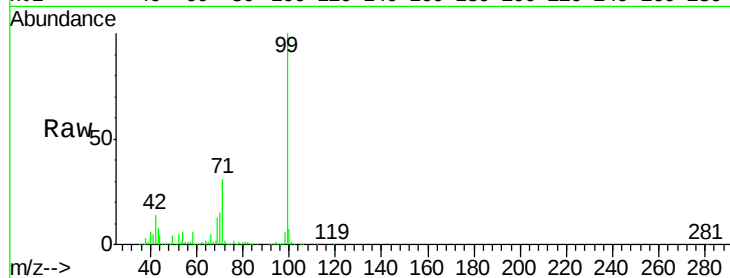
BNA_F

ClientSampleId :

TS-WSG-16121-11

Tot Ion: 99 Resp: 1551792

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.7	22.1#
71	31.2	27.6	41.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 513

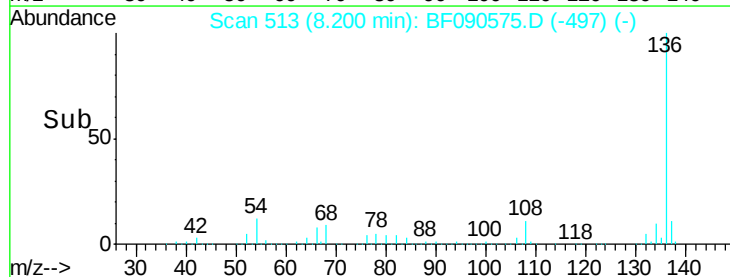
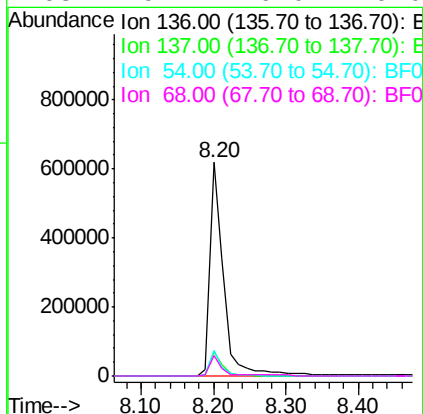
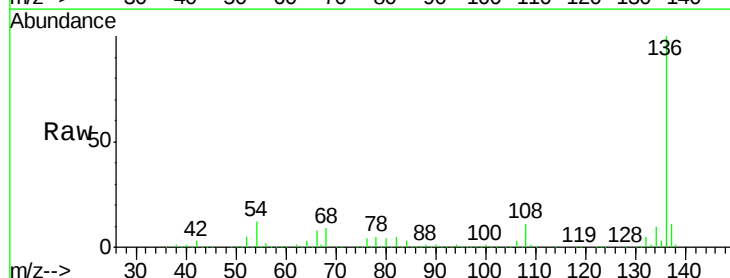
Delta R.T. -0.01 min

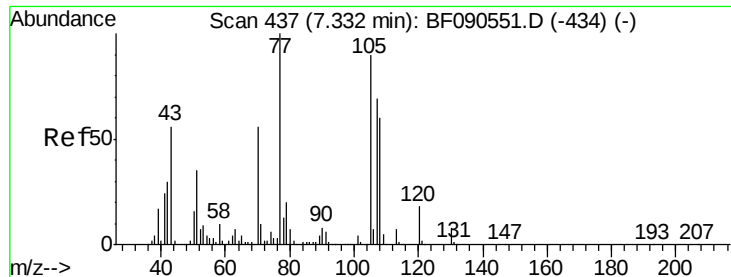
Lab File: BF090575.D

Acq: 14 Oct 2016 17:56

Tgt Ion: 136 Resp: 816314

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	12.1	6.8	10.2#
68	9.4	6.0	9.0#





#22

Acetophenone

Concen: 4.32 ng

RT: 7.33 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF090575.D

Acq: 14 Oct 2016 17:56

Instrument :

BNA_F

ClientSampleId :

TS-WSG-16121-11

Tot Ion:105 Resp: 77834

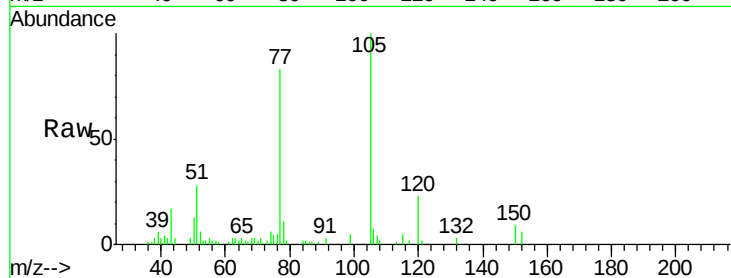
Ion Ratio Lower Upper

105 100

71 2.6 8.5 12.7#

51 27.6 31.0 46.4#

120 22.6 16.2 24.4

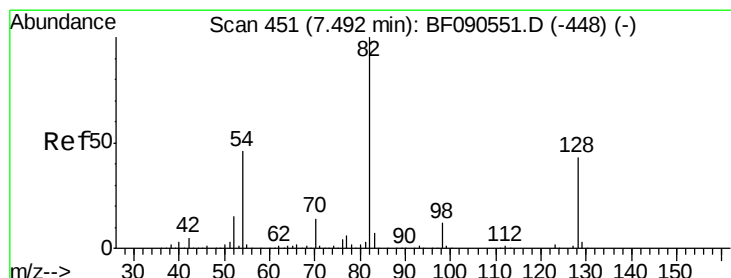
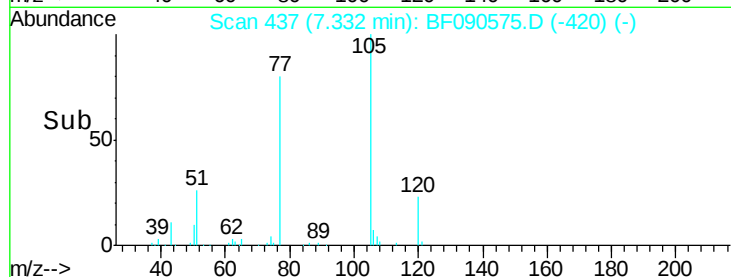
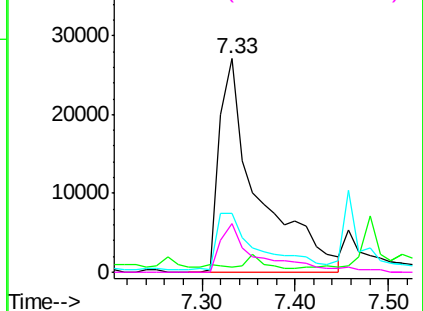


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 67.70 ng

RT: 7.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF090575.D

Acq: 14 Oct 2016 17:56

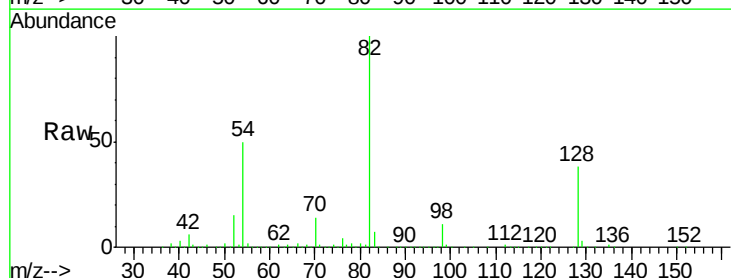
Tgt Ion: 82 Resp: 994918

Ion Ratio Lower Upper

82 100

128 38.5 34.3 51.5

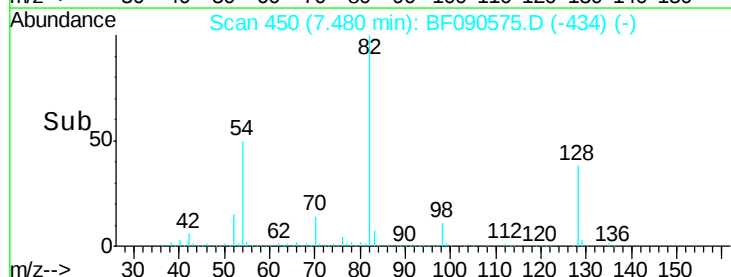
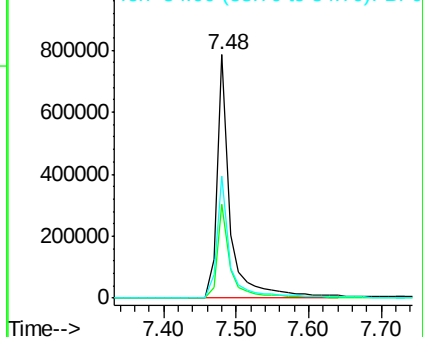
54 50.1 37.0 55.6

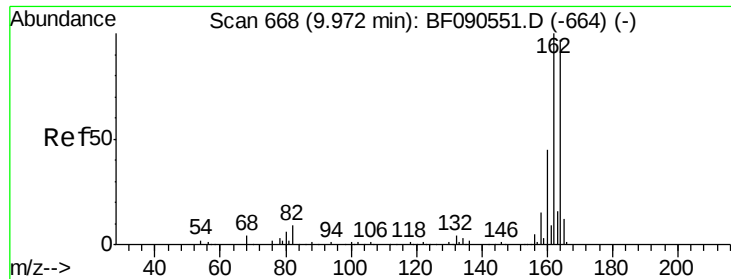


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

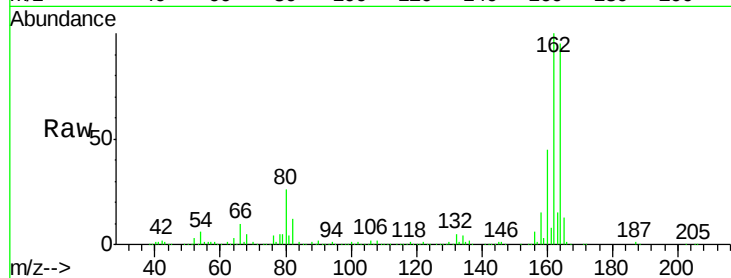




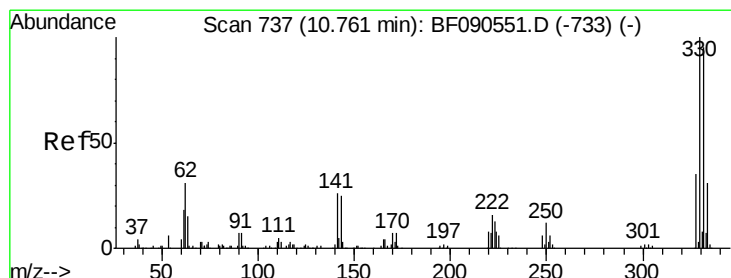
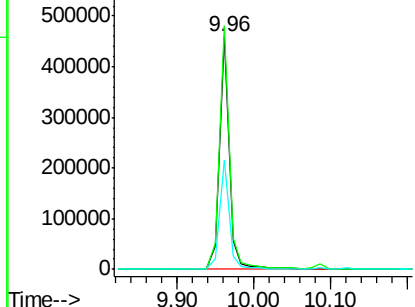
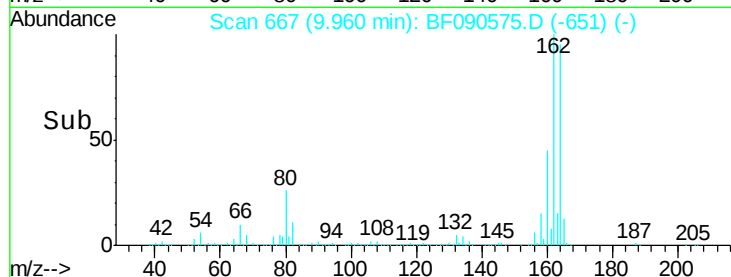
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF090575.D
 Acq: 14 Oct 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-11

Tot Ion:164 Resp: 413928
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.2 123.4
 160 47.3 36.6 55.0

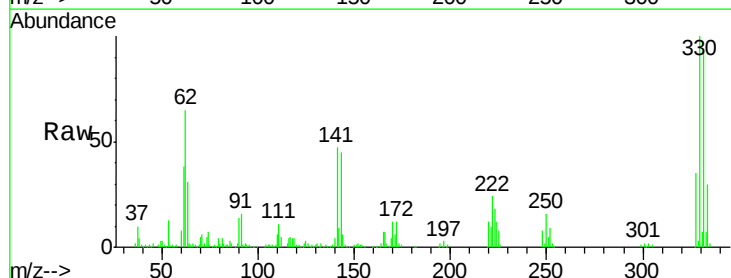


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

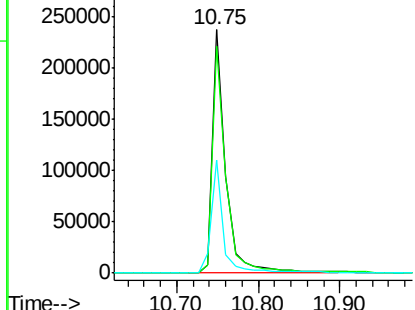
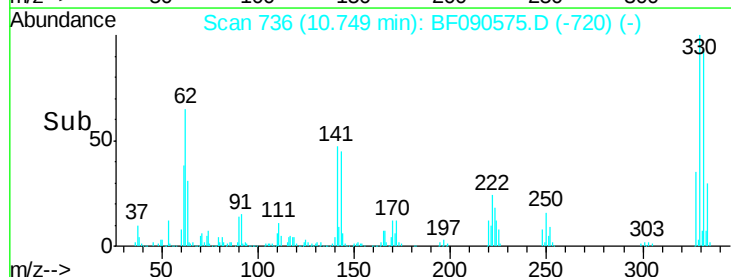


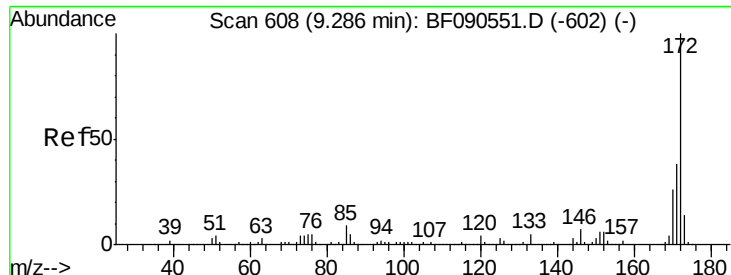
#41
 2,4,6-Tribromophenol
 Concen: 73.97 ng
 RT: 10.75 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF090575.D
 Acq: 14 Oct 2016 17:56

Tgt Ion:330 Resp: 272980
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.2 114.2
 141 43.0 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

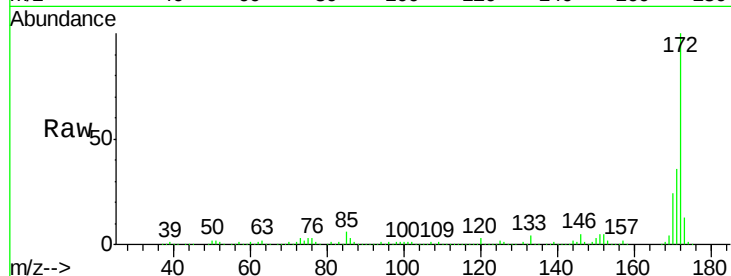




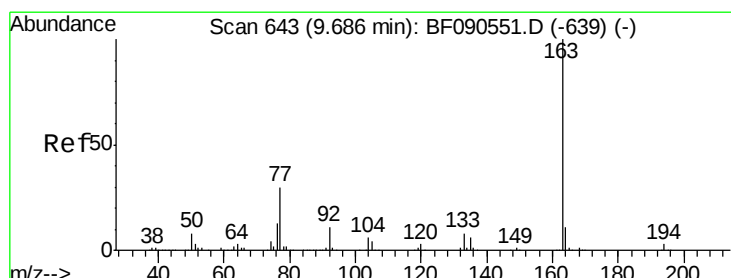
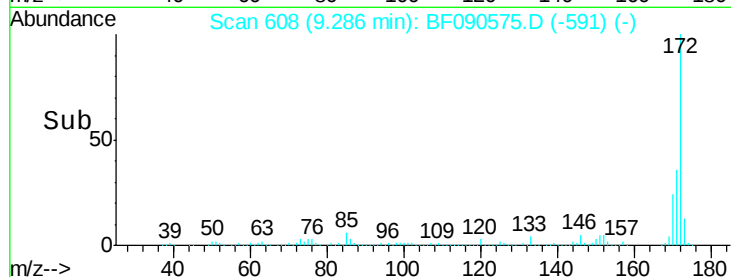
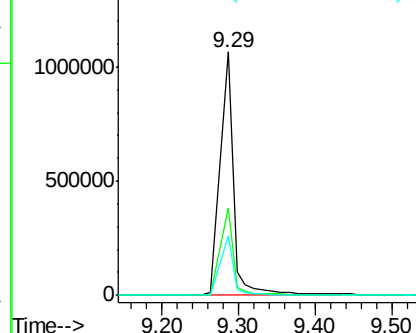
#44
2-Fluorobiphenyl
Concen: 51.91 ng
RT: 9.29 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF090575.D
Acq: 14 Oct 2016 17:56

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-11

Tot Ion:172 Resp: 1304054
Ion Ratio Lower Upper
172 100
171 36.1 30.1 45.1
170 24.5 20.6 30.8

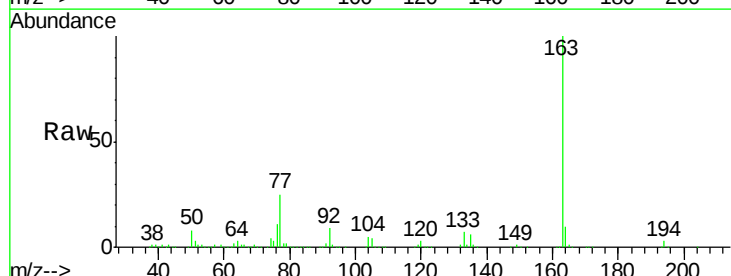


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

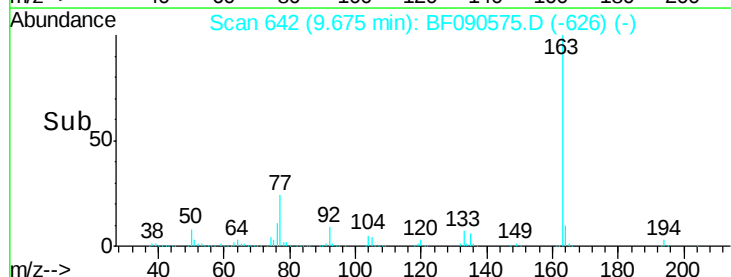
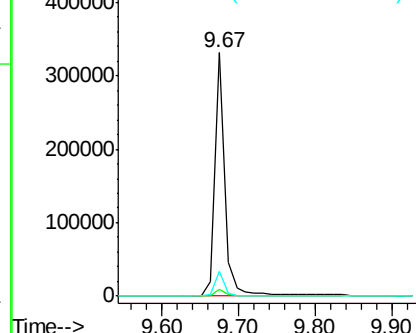


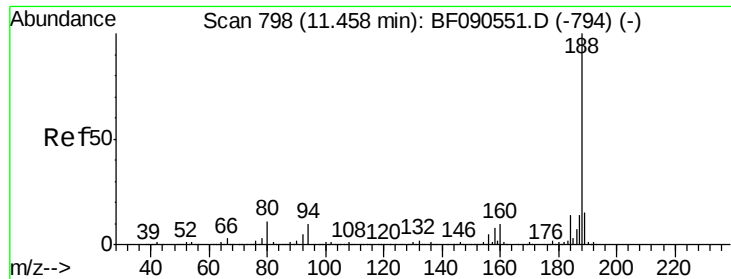
#49
Dimethylphthalate
Concen: 11.20 ng
RT: 9.67 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF090575.D
Acq: 14 Oct 2016 17:56

Tgt Ion:163 Resp: 300850
Ion Ratio Lower Upper
163 100
194 3.0 2.3 3.5
164 10.0 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

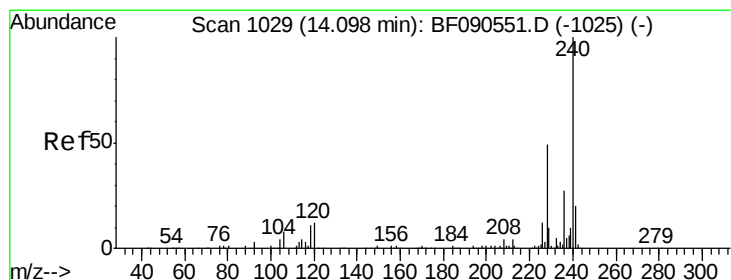
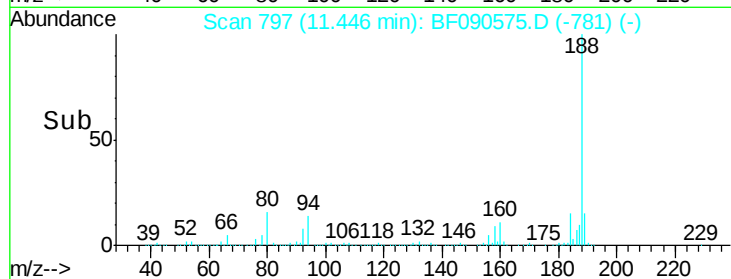
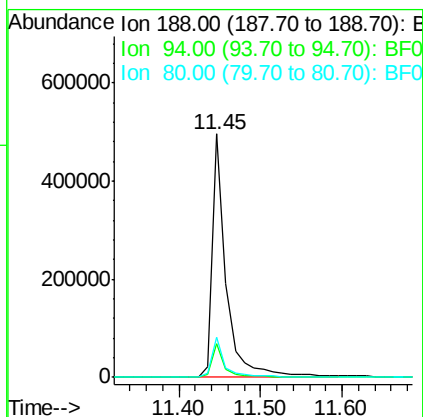
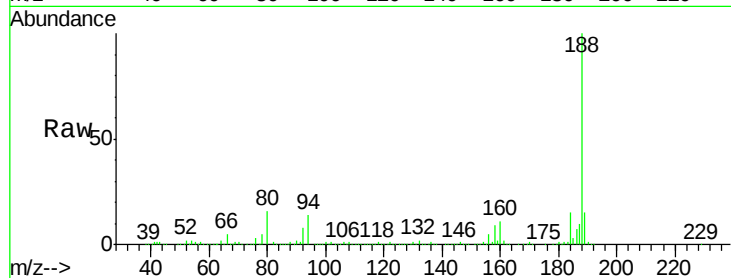




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF090575.D
Acq: 14 Oct 2016 17:56

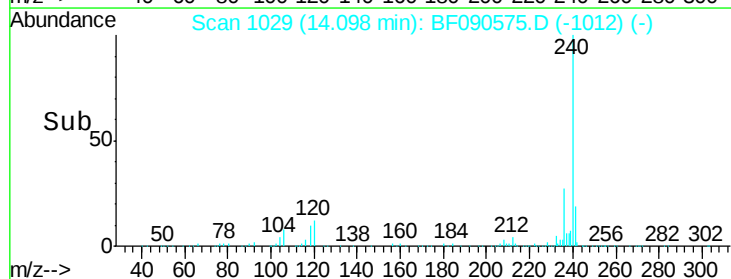
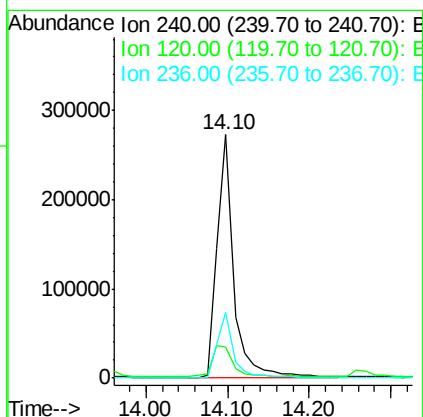
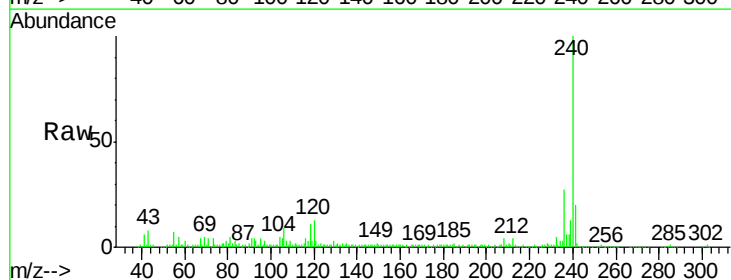
Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-11

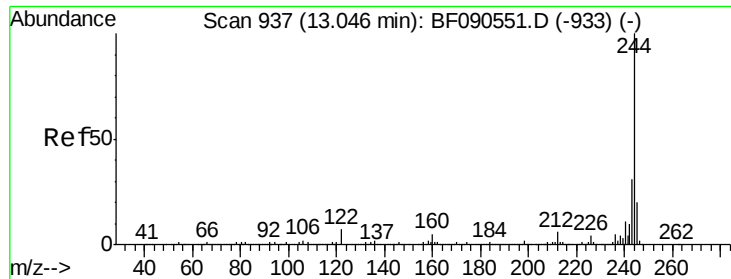
Tot Ion:188 Resp: 603083
Ion Ratio Lower Upper
188 100
94 14.0 7.7 11.5#
80 16.3 8.6 12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF090575.D
Acq: 14 Oct 2016 17:56

Tgt Ion:240 Resp: 381837
Ion Ratio Lower Upper
240 100
120 12.5 9.8 14.8
236 27.2 21.7 32.5





#78

Terphenyl-d14

Concen: 52.93 ng

RT: 13.04 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF090575.D

Acq: 14 Oct 2016 17:56

Instrument :

BNA_F

ClientSampleId :

TS-WSG-16121-11

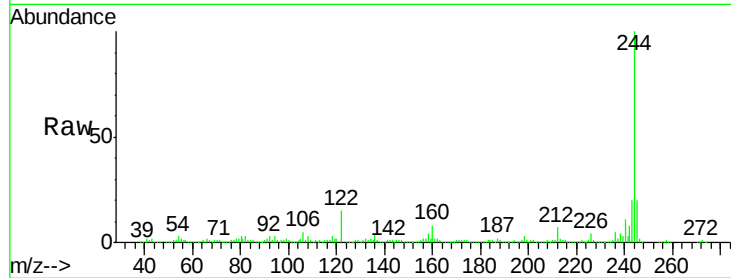
Tot Ion:244 Resp: 868036

Ion Ratio Lower Upper

244 100

212 7.1 5.0 7.4

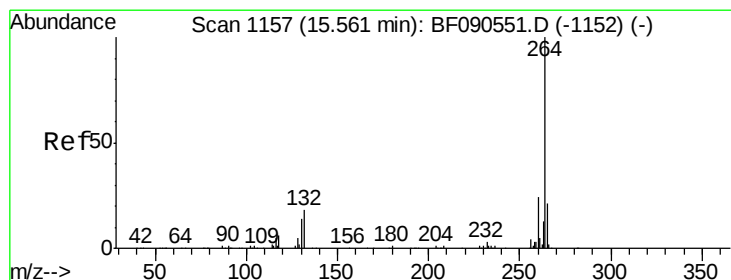
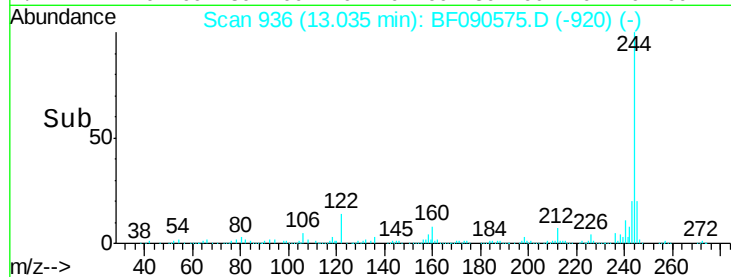
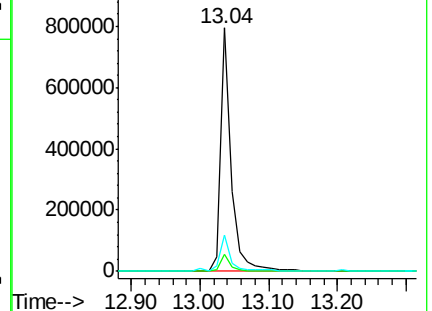
122 15.0 5.6 8.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.56 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF090575.D

Acq: 14 Oct 2016 17:56

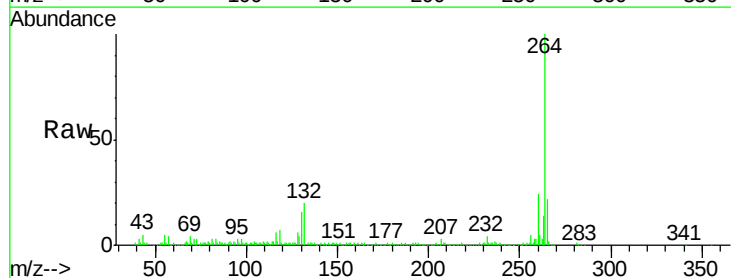
Tgt Ion:264 Resp: 337281

Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 21.6 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

